

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371		Attorney's Docket Number 044921-5038-02
International Application No.	International Filing Date	U.S. Application No. Unassigned 10/501933
PCT/US03/03194	January 31, 2003	Priority Dates Claimed January 31, 2002, March 15, 2002 and December 30, 2002

Title of Invention: MOLECULAR HEPATOTOXICOLOGY MODELING

Applicants For EO/EO/US: Donna MENDRICK, Mark PORTER, Kory JOHNSON, Brandon HIGGS,
Arthur CASTLE and Michael ELASHOFF

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3. This express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(l).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. A copy of the International Application as filed has been transmitted by the International Bureau.
6. A translation of the International Application into English (35 U.S.C. § 371(c)(2)).
7. Applicant(s) hereby assert(s) small entity status under 37 C.F.R. § 1.27.
8. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
9. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
10. An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)).
11. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

Items 12. to 15. below concern other document(s) or information included:

12. An Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98.
13. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included.
14. A FIRST preliminary amendment.
15. A SECOND or SUBSEQUENT preliminary amendment.
15. Other items or information:
PCT/IB/304, PCT/IB/308, PCT/IB/318, WO 03/064624, PCT/ISA/220, PCT/RO/101, International Search Report w/ PTO 1449 (PCT/ISA/210), Copy of CD ROM containing a Sequence Listing

U.S. APPLICATION NO. | INTERNATIONAL APPLICATION NO. | ATTORNEY DOCKET NUMBER
10/501933 | WO 03/064624 | 044921-5038-02
 PCT/US03/03194

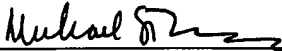
16. The following fees are submitted:
Basic National Fee (37 C.F.R. § 1.492(a)(1)-(5)):
 Search Report has been prepared by the EPO or JPO.....\$920.00
 International preliminary examination fee paid to
 USPTO (37 C.F.R. § 1.482).....\$730.00
 No international preliminary examination fee paid to
 USPTO (37 C.F.R. § 1.482) but international search fee
 paid to USPTO (37 C.F.R. § 1.445(a)(2)).....\$770.00
 Neither international preliminary examination fee
 (37 C.F.R. § 1.482) nor international search fee
 (37 C.F.R. § 1.445(a)(2)) paid to USPTO.....\$1,080.00
 International preliminary examination fee paid to USPTO
 (37 C.F.R. § 1.482) and all claims satisfied provisions
 of PCT Article 33(2)-(4).....\$100.00
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 730.00

Surcharge of \$130.00 for furnishing the oath or declaration later than
 20 30 months from the earliest claimed priority date
 (37 C.F.R. § 1.492(e)).

Claims	Number Filed	Number Extra	Rate	
Total Claims	65 - 20 =	45	45 X \$18.00	\$ 810.00
Independent Claims	12- 3 =	9	9 X \$86.00	\$ 774.00
Multiple dependent claim(s) (if applicable)			+ \$290.00	\$
TOTAL OF ABOVE CALCULATIONS				\$2,314.00
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. §§ 1.9, 1.27, 1.28)				-\$
SUBTOTAL =				\$2,314.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).				+ \$
TOTAL NATIONAL FEE =				\$2,314.00
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The Assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property				\$
TOTAL FEES ENCLOSED =				\$2,314.00
Amount to be refunded				\$
Amount to be charged				\$2,314.00

- a. A check in the amount of \$_____ to cover the above fees is enclosed.
 b. Please charge my Deposit Account No. 50-0310 in the amount of **\$2,314.00**
 to cover the above fees. A duplicate copy of this sheet is enclosed.
 c. **Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized
 by this paper to charge any additional fees during the entire pendency of this application
 including fees due under 37 C.F.R. § 1.16 and § 1.17 which may be required, or credit any
 overpayment to Deposit Account No. 50-0310.

Customer No. 09629
SEND ALL CORRESPONDENCE TO:
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 Washington, D.C. 20004
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 Michael S. Tuscan, Ph.D., Reg. No. 43,210
 Date: July 20, 2004